

XP-002294559

AN - 1976-C8950X [13]

CPY - COMP-R

DC - T06

FS - EPI

IC - G05D23/00

PA - (COMP-R) COMPLEX AUTOM RES

PN - SU472336 A 19750910 DW197613 000pp

PR - SU19721761668 19720320

XIC - G05D-023/00

AB - SU-472336 Control equipment for automation of ethylene polymerisation process is based on regulation of pressure measured at the input of reactor (1) by sensor (2). Maximum temperature inside the tubular reactor is determined by sensors (3) - (6) connected to detector (10) which acts on regulator (15) of supply of initiator e.g. oxygen gas, to the reactor. To increase accuracy of temperature regulation the correcting action takes place during periodic reduction of pressure in the reactor by controller (13) and with a simultaneous temporary reduction of initiator supply through valve (16). For this purpose controller (13) is connected to relay (9) with output to gate (8) and direct connection to gate (11) for reduction of output pressure by valve (17).

IW - TUBE REACTOR MAXIMUM TEMPERATURE REGULATE CONTROL INITIATE SUPPLY REACTOR

IKW - TUBE REACTOR MAXIMUM TEMPERATURE REGULATE CONTROL INITIATE SUPPLY REACTOR

NC - 001

OPD - 1972-03-20

ORD - 1975-09-10

PAW - (COMP-R) COMPLEX AUTOM RES

TI - Tubular reactor maximum temp. regulator - with controller of initiator supply to reactor